

ABSTRACT OF DISCLOSURE

A double-acting pump for ejecting a product from a container includes a piston which is axially slideable in a housing and is sealed by the housing. A hollow piston rod extends the axial bore of the piston and is slideable in a closing cap and has an actuating head, wherein, when the actuating head is actuated, the piston builds up a pressure in a pressure chamber against a restoring force of a spring. An outlet duct extends through the actuating head to an outlet opening. When subjected to the restoring force of the spring, the piston releases a passage between the pressure chamber and openings of a second housing portion. A medium which kills germs and bacteria is arranged in an expansion chamber. The dispensing stroke volume of the piston corresponds to the volume of a drop of the liquid.